

ENGLISH SUMMARY

ON THE BEAM SHEAR CORRECTION FACTOR

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The purpose of this article is to extend the problem studied in reference [1] dealing with bending of a cantilever loaded at the end with respect to a new boundary condition at the fixed end. This case gives an interesting numerical value to the shear correction factor. The boundary condition is arrived at by defining the average displacement components and the average rotation of a cross section by using a work equivalence criterion.